Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006832.D
Acq On : 01 Aug 2016 19:40
Operator : UM/SJ
Sample : H4188-02 5X
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZL0

Quant Time: Aug 02 00:48:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	153155	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	649044	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	356585	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	767445	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	778257	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	854439	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	1207	0.32	ng/uL	0.00
3) Phenol-d5	6.80	99	43535	3.34	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	6.95	67	30898	3.83	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	37152	3.57	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	23029	2.28	ng/ul	0.02
8) Nitrobenzene-d5	8.76	128	18147	3.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	18183	3.48	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	34333	3.48	ng/ul	0.01
12) 4-Chloroaniline-d4	10.54	131	33369	3.07	ng/ul	0.01
16) Dimethylphthalate-d6	13.67	166	110919	3.97	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	144059	4.04	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	8355	1.72	ng/ul	0.05
21) Fluorene-d10	15.26	176	102820	4.11	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	1164	0.29	ng/ul	0.03
26) Anthracene-d10	17.12	188	154420	4.24	ng/ul	0.00
30) Pyrene-d10	19.42	212	169638	4.78	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	167339	4.26	ng/ul	0.01
Target Compounds						Qvalue
19) Acenaphthene	14.33	153	26538	1.08	ng/ul	92
25) Phenanthrene	17.06	178	330372	7.65	ng/ul	98
27) Anthracene	17.15	178	64041	1.44	ng/ul	97
28) Fluoranthene	19.09	202	1251421	24.68	ng/ul	98
31) Pyrene	19.45	202	1276721	27.09	ng/ul	98
32) Benzo(a)anthracene	21.20	228	1271454	26.96	ng/ul	99
33) Chrysene	21.26	228	1507505	34.66	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	3277690	63.99	ng/ul	100
36) Benzo(k)fluoranthene	22.77	252	3277690	66.18	ng/ul	99
38) Benzo(a)pyrene	23.34	252	2421886	48.58	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.66	276	2148199	37.21	ng/ul	98
40) Dibenzo(a,h)anthracene	25.90	278	380964	7.96	ng/ul	95
41) Benzo(g,h,i)perylene	26.34	276	1851282	37.41	ng/ul	97

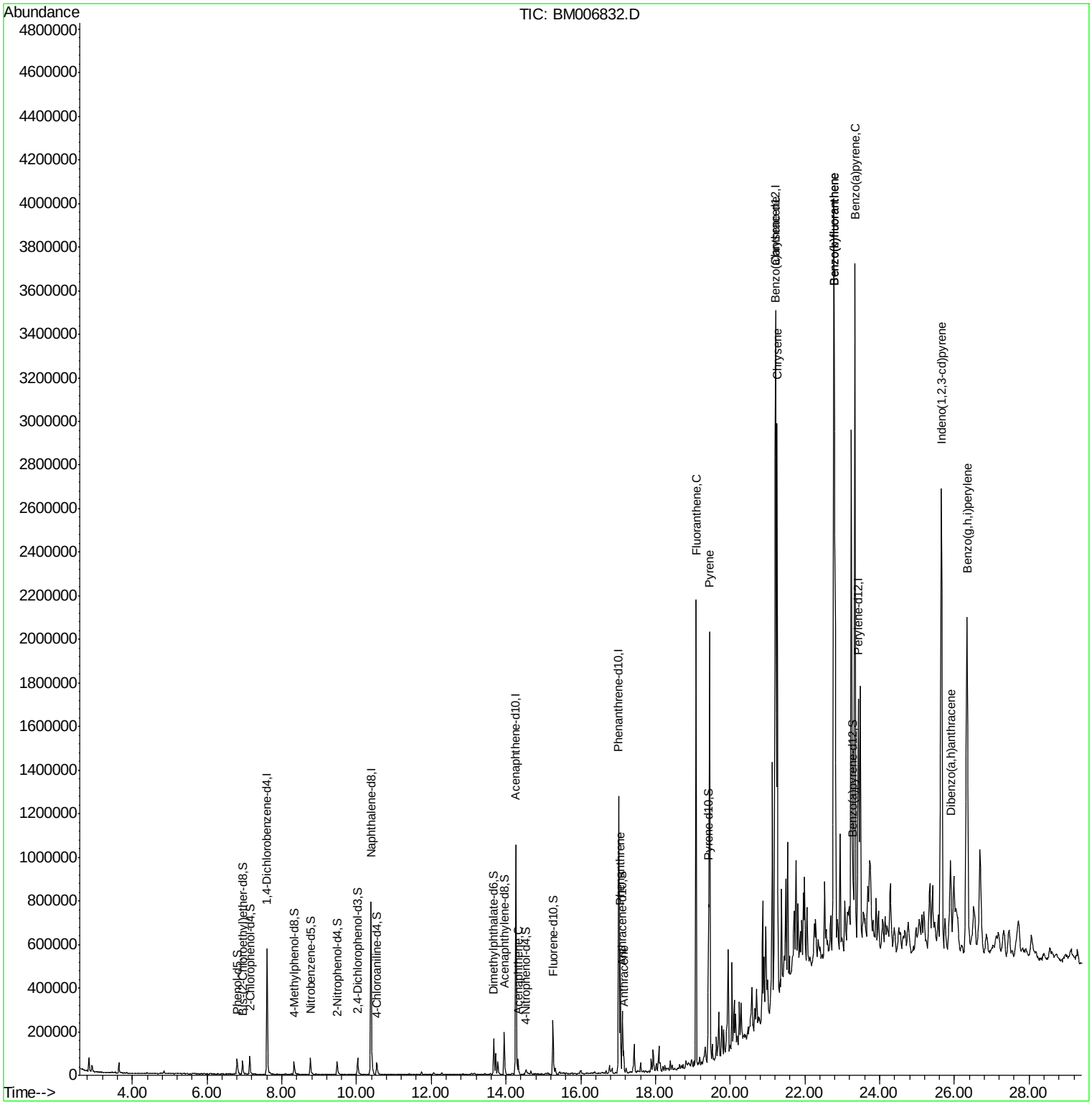
(#) = qualifier out of range (m) = manual integration (+) = signals summed

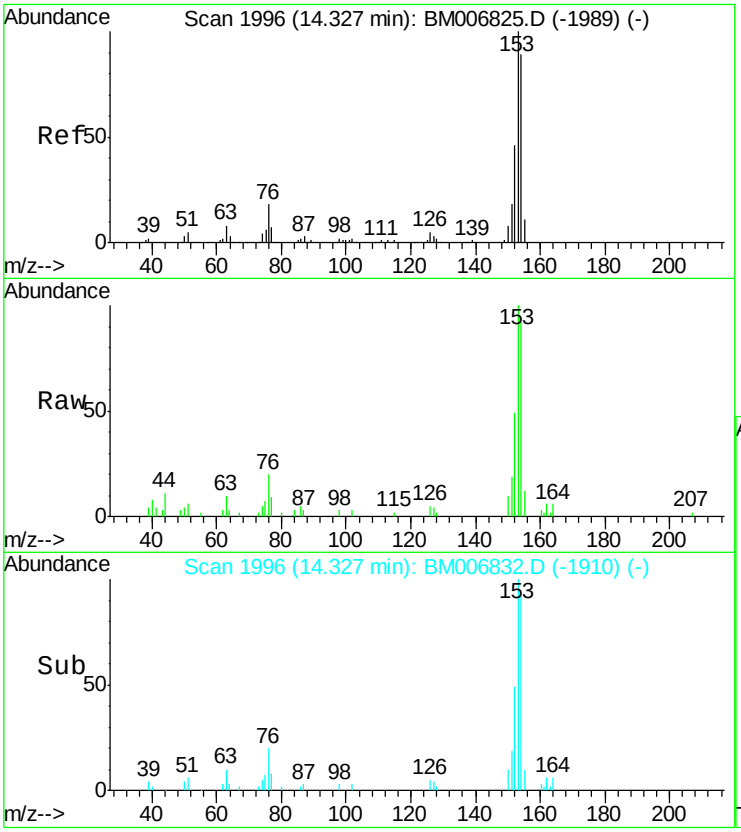
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006832.D
Acq On : 01 Aug 2016 19:40
Operator : UM/SJ
Sample : H4188-02 5X
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Quant Time: Aug 02 00:48:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration



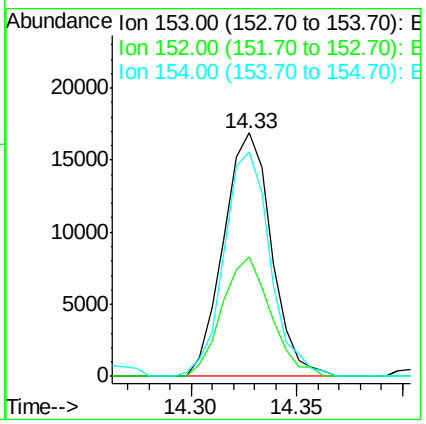


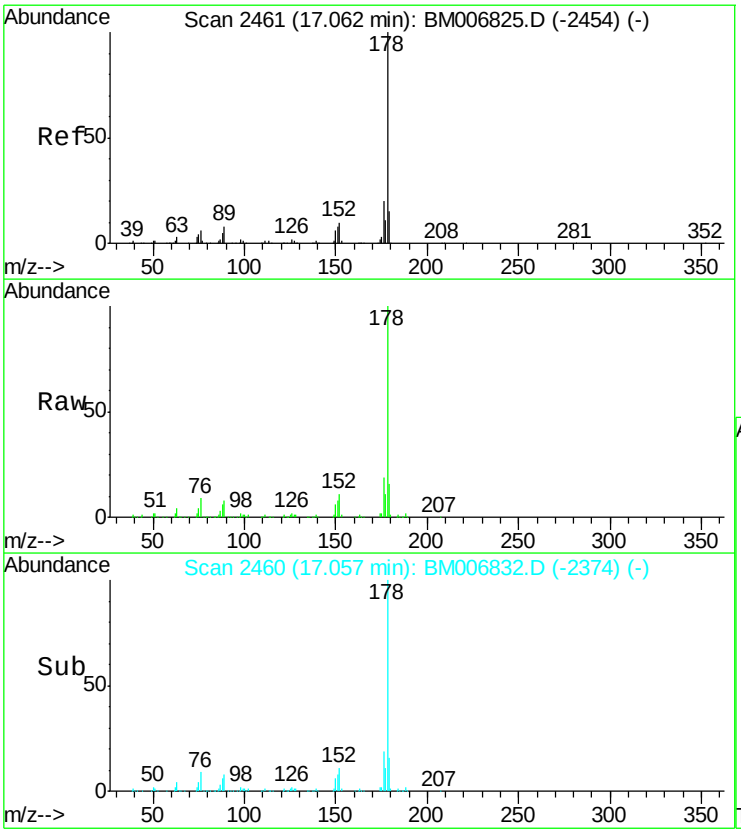
#19
Acenaphthene
Concen: 1.08 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:153 Resp: 26538

Ion	Ratio	Lower	Upper
153	100		
152	49.0	36.5	54.7
154	92.4	67.3	100.9

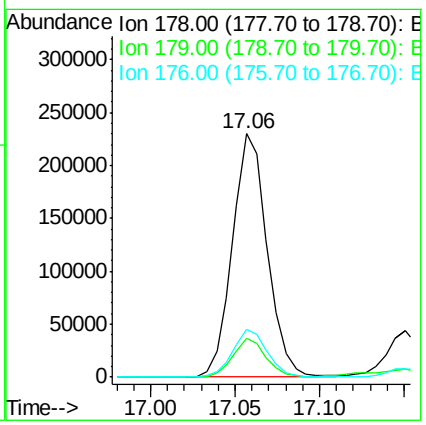


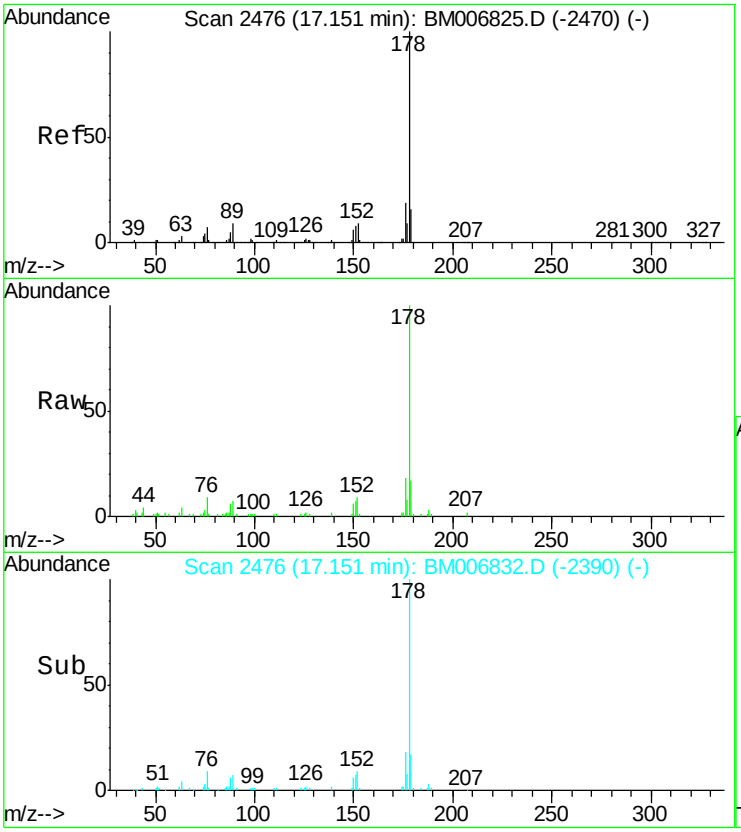


#25
Phenanthrene
Concen: 7.65 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Tgt Ion:178 Resp: 330372

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.4	14.8	22.2



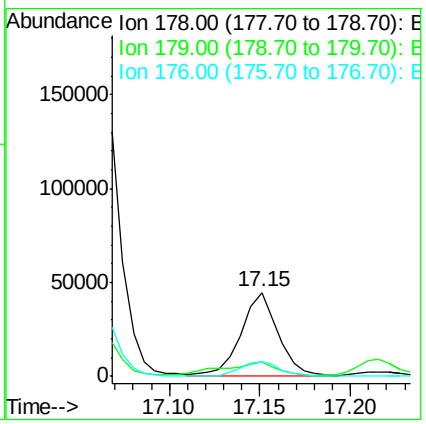


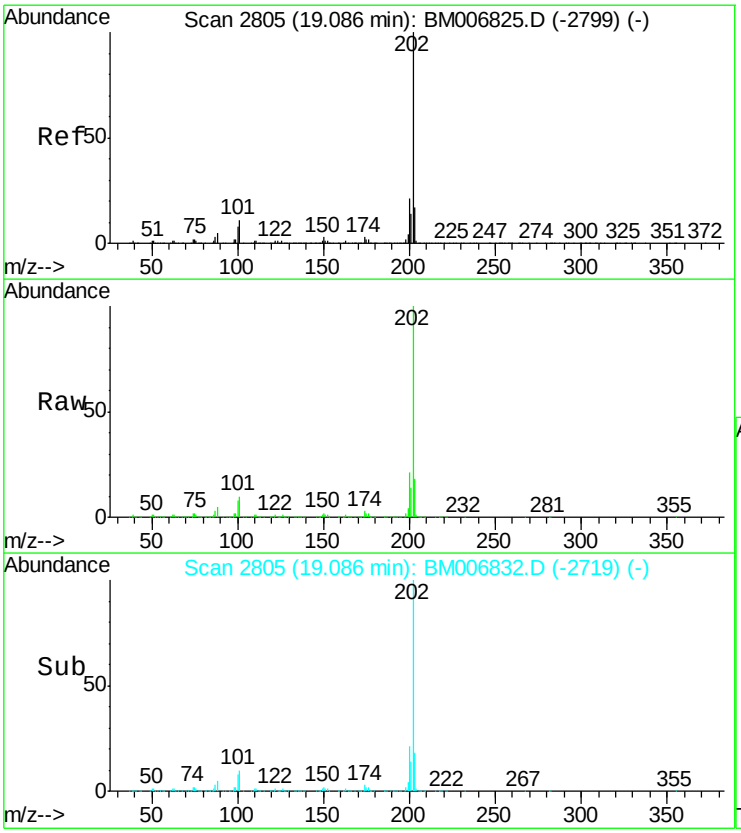
#27
Anthracene
Concen: 1.44 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:178 Resp: 64041

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	17.5	15.6	23.4

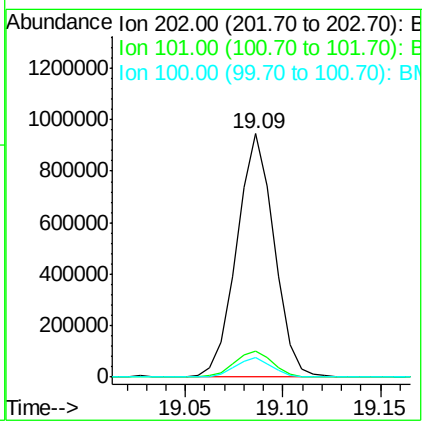


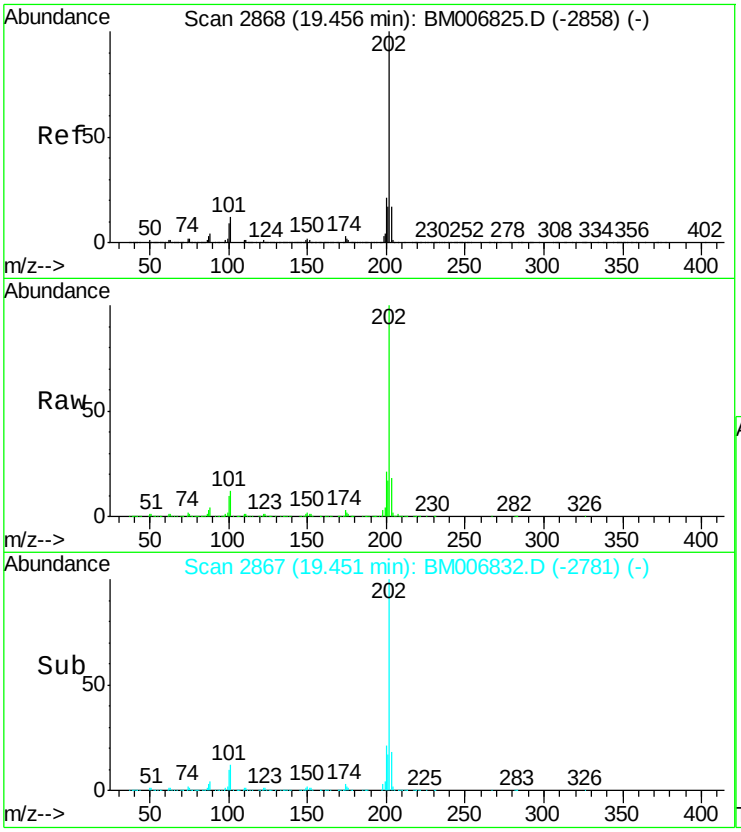


#28
Fluoranthene
Concen: 24.68 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Tgt Ion:202 Resp: 1251421

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
100	7.8	7.0	10.4



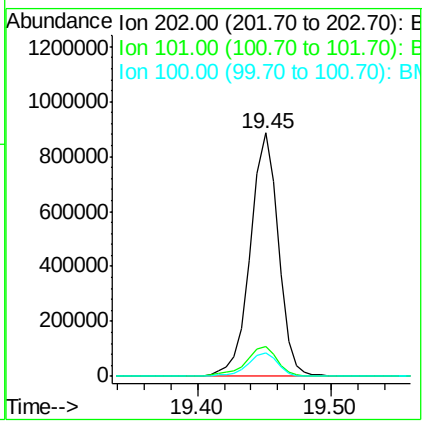


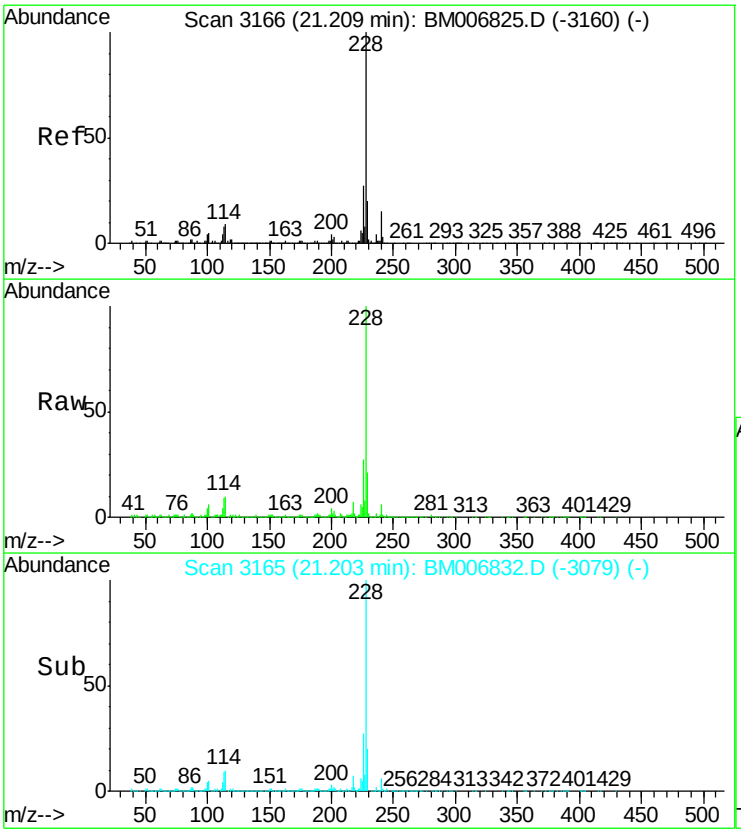
#31
Pyrene
Concen: 27.09 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:202 Resp: 1276721

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.7	9.3	13.9

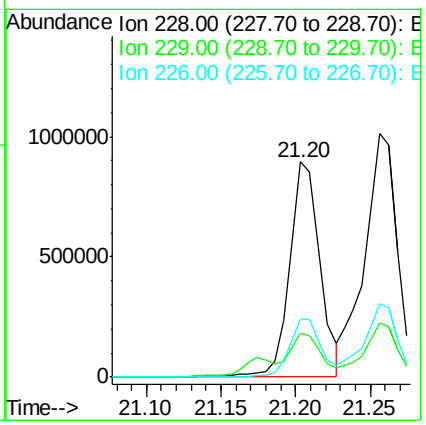


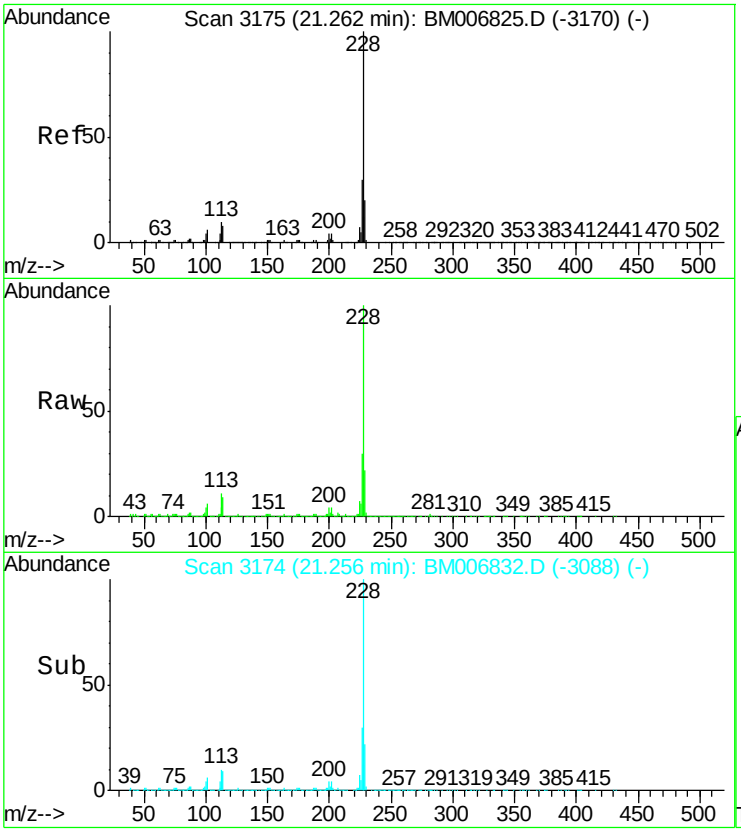


#32
Benzo(a)anthracene
Concen: 26.96 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Tgt Ion:228 Resp: 1271454

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	27.1	21.0	31.4



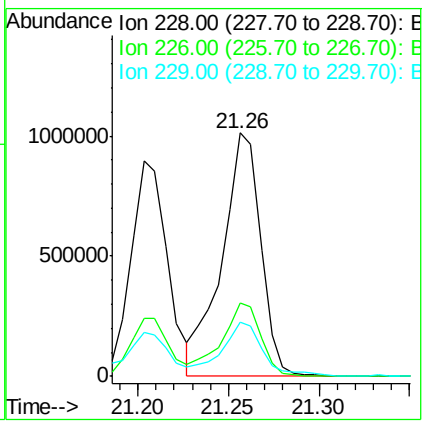


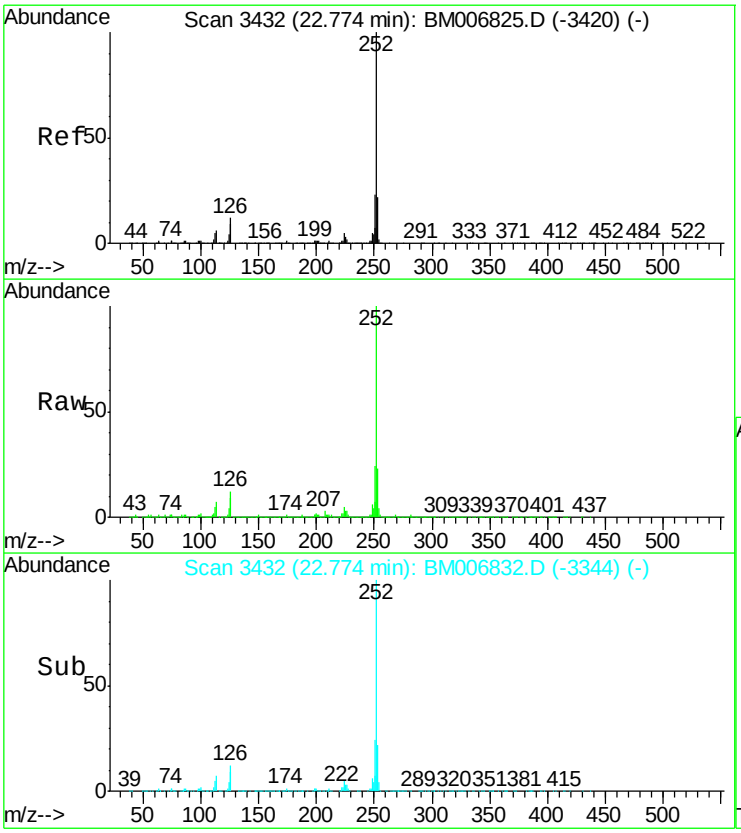
#33
Chrysene
Concen: 34.66 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:228 Resp: 1507505

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.3	16.2	24.2

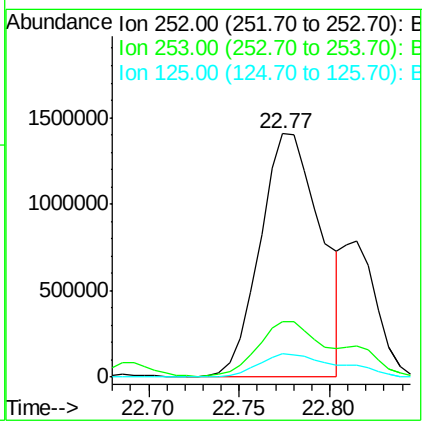


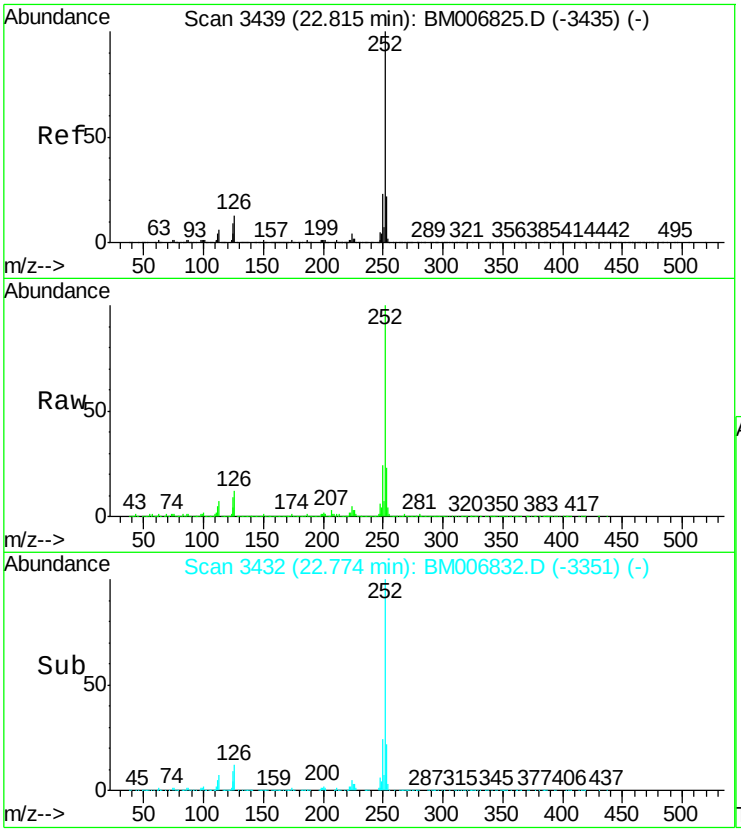


#35
Benzo(b)fluoranthene
Concen: 63.99 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.02 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Tgt Ion:252 Resp: 3277690

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.4	7.6	11.4



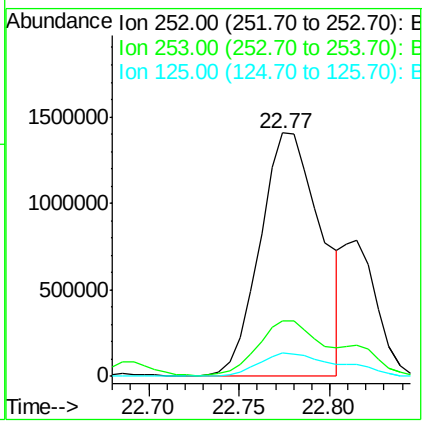


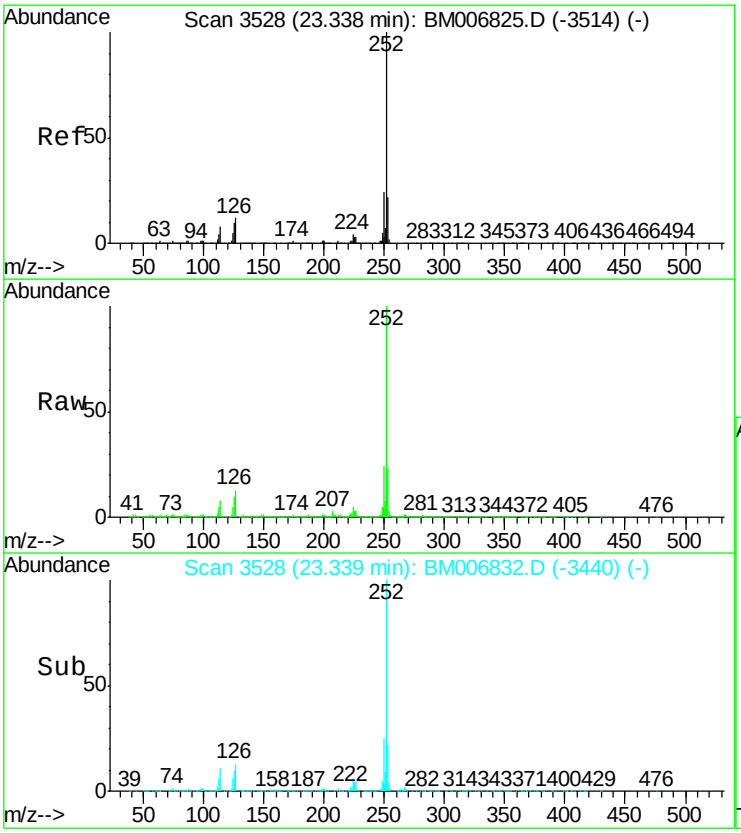
#36
Benzo(k)fluoranthene
Concen: 66.18 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. -0.02 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:252 Resp: 3277690

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.4	7.7	11.5

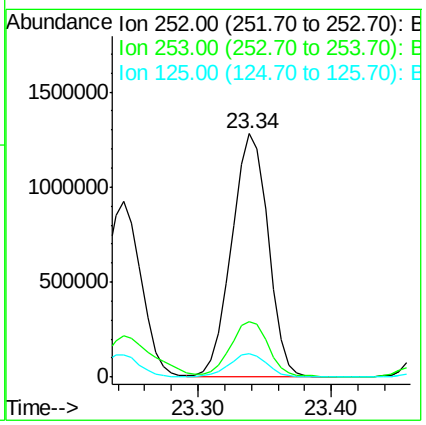


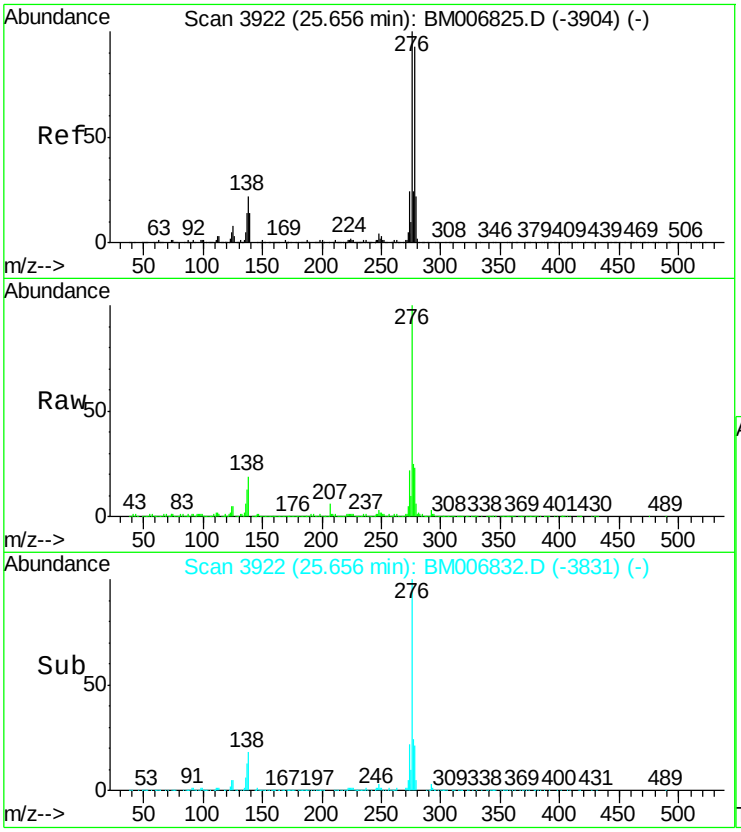


#38
Benzo(a)pyrene
Concen: 48.58 ng/ul
RT: 23.34 min Scan# 3528
Delta R.T. 0.02 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Tgt Ion:252 Resp: 2421886

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.6	8.2	12.2



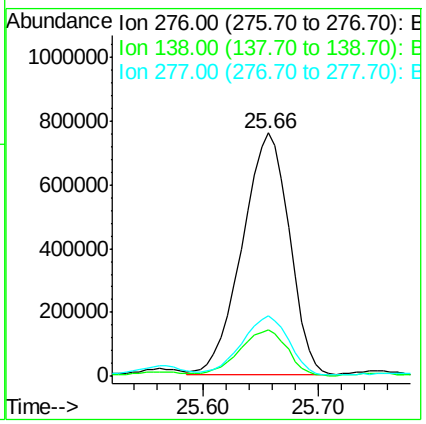


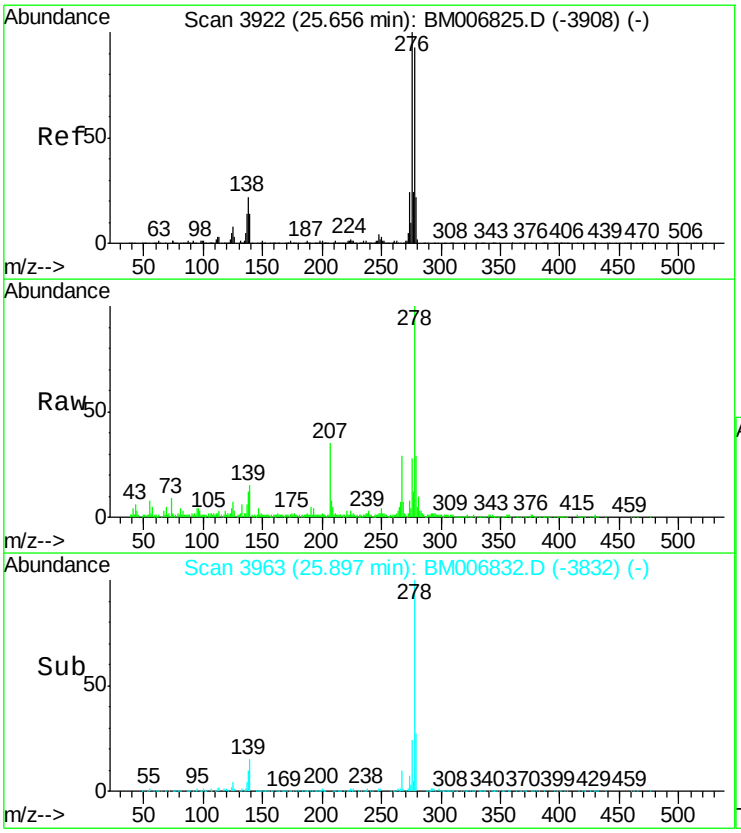
#39
Indeno(1,2,3-cd)pyrene
Concen: 37.21 ng/ul
RT: 25.66 min Scan# 3922
Delta R.T. 0.04 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:276 Resp: 2148199

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.8	23.6
277	24.8	19.0	28.6

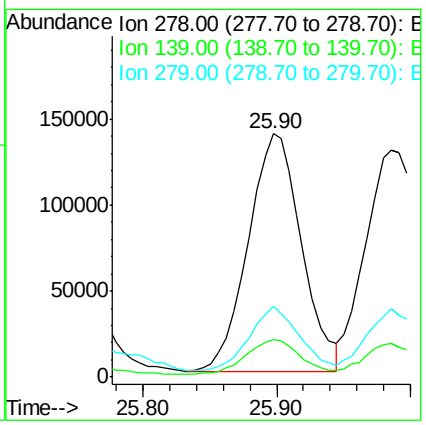


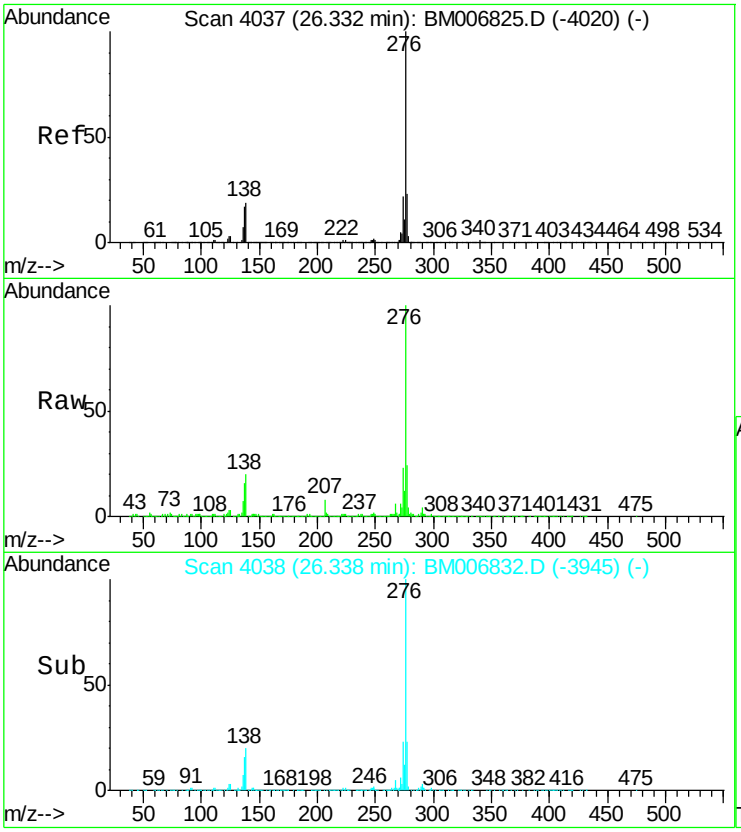


#40
Dibenzo(a,h)anthracene
Concen: 7.96 ng/ul
RT: 25.90 min Scan# 3963
Delta R.T. 0.27 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Tgt Ion:278 Resp: 380964

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.1	18.1
279	28.8	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 37.41 ng/ul
RT: 26.34 min Scan# 4038
Delta R.T. 0.05 min
Lab File: BM006832.D
Acq: 01 Aug 2016 19:40

Instrument :
BNA_M
ClientSampleId :
D9ZL0

Tgt Ion:276 Resp: 1851282

Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.9	20.9
277	24.1	19.8	29.6